

Nicholas B. Lhoest

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Date of Birth: 16th January 1996



SKILLS

Languages: English C2, French A2

Code: Java, Python, SQL, R, C#, C++, HTML, CSS, JavaScript.

Tools: Excel, Google Sheets, MongoDB, PostgreSQL, MySQL, AWS, Azure, Google Cloud Platform, Github CI/CD, Gitlab CI/CD, Grafana, Kibana, Jetbrains, Docker, Kubernetes, Cassandra, Adobe Creative Suite.

Certifications: AWS Certified Cloud Practitioner Certificate, Professional Scrum Master™ I (PSM I) Certification, Notion Essentials Badge, Google Project Management Certificate, Google Data Analytics Professional Certificate.

EXPERIENCE

Arhs Group Part of Accenture - Software Engineer and Scrum Master

Aug. 2022 - PRESENT

Worked on multiple large scale European and financial projects with a focus on data quality, analytics, and system reliability.

Financial Transaction Processor

- + Conducted anomaly detection on 100k+ financial transactions by querying server logs and reviewing payment data via terminal, ensuring compliance with reporting standards.
- + Applied SonarQube quality metrics and writing Java validation checks for financial APIs, achieving an 18% increase in code coverage and reducing risk of faulty data processing.
- + Designed and maintained 30+ real-time Grafana dashboards to monitor transaction data and system performance, reducing issue detection time and improving decision-making.
- + Analyzed sprint metrics and retrospectives to highlight trends and bottlenecks, enabling cross-functional teams across Luxembourg and Europe to implement measurable process improvements.

European Public Sector

- + Automated API testing with Postman to validate data accuracy and consistency in EU-wide procurement datasets, documenting results for quality assurance.
- + Analyzed 1000+ search queries with Excel to evaluate search relevancy, maintaining a 99% relevance score during quality checks and ensuring stable user search experience.
- + Built and configured Kibana dashboards to visualize search trends and system performance, enabling stakeholders to monitor data quality and identify issues more effectively.

Freelance Data-Driven Designer

Jan. 2021 - Aug. 2022

- + Delivered 10+ design projects for clients by combining creative design with data-driven decisions based on competitor analysis and user feedback.
- + Conducted A/B testing and market research to evaluate design effectiveness, improving client engagement.

SnapSwap International S.A. - Frontend Developer

Sept. 2017 - Dec. 2020

- + Built and maintained landing pages and websites using WordPress and React, ensuring responsive design and seamless user experience.
- + Implemented heatmap analytics to track user behavior and session duration, leading to a 3% increase in customer time on site.
- + Collaborated with marketing teams on email campaigns and digital content, analyzing engagement metrics to optimize customer outreach.
- + Contributed to customer acquisition strategy by creating product landing pages and user flows that helped onboard new clients.

Joined SnapSwap International S.A., a Luxembourg-based FinTech startup, as an intern in 2018 during my third year at Bournemouth University. Continued part-time in 2019 while completing my studies, then transitioned into a full-time role in 2020 for an additional year.

ACHIEVEMENTS

Entrepreneur / Business Analyst

Launched and tested multiple business concepts (e.g., design subscription service, T-shirt business) by conducting market research using Google Trends and SEO tools, and creating keyword tracking models. Applied creativity, innovation, and resilience while demonstrating a strong entrepreneurial mindset, hardworking ethic, and the ability to transform ideas into actionable business strategies.

Event Coordinator

Solely organized a 10-year school reunion for 65+ students. Managed all aspects of event coordination, including communication through email campaigns, budget allocation, vendor selection, dietary and allergy considerations, and creative design of event materials, ensuring a smooth and inclusive experience for all attendees.

Tutoring & Mentorship

Provided paid one-to-one and remote tutoring sessions during undergraduate and master's programs, supporting fellow students with coding fundamentals and core programming concepts. Helped peers strengthen their technical skills and improve academic performance through clear explanations, mentorship, and collaborative problem-solving.

Game Development and Released

Released a commercial video game on Steam, one of the world's largest digital distribution platforms for PC games, achieving 100+ copies sold. Built the game using Unreal Engine, a leading industry-standard game development framework, demonstrating creativity, technical proficiency, and entrepreneurial initiative in designing, developing, and launching a market-ready product.

Represented Public Speaking

Selected as the graduation speaker out of 65+ students at the International School of Luxembourg. Delivered a 30-minute closing speech summarizing shared experiences, representing the graduating class, and leading the final ceremony, which concluded with a standing ovation from the audience.

EDUCATION

University of Glasgow - MSc Software Development Jan. 2021 - Jan. 2022

Completed a rigorous program with specialized coursework in Algorithms, Data Structures, Internet Technology, Agile Software Development, Advanced OOP (Java and Python), Database Theory, and Data Analytics.

Bournemouth University - BSc with Honours in Games Technology Sept. 2015 - Sept. 2019

Completed a comprehensive program with coursework in Computer Graphics for Games, Introduction to Programming (C++ and C#), Mobile Game Development, Human Interface Design, 3D Modeling, and Animation.

International School of Luxembourg – International Baccalaureate (IB Diploma) Sept. 2001 - Sept. 2015

Completed the International Baccalaureate Diploma Programme with Higher Level courses in Theatre, Economics, and Physics, as well as Standard Level courses in English, Mathematics, and French (Ab initio). The program emphasized critical thinking, cross-disciplinary research, and an international perspective through a rigorous two-year curriculum.

INTEREST

Chess, Fitness & Sports (working out, basketball), Painting